

ABSTRACT

A self-protected fire-sensing alarm system includes a flame sensor for detecting the presence of flame within a volume. The system includes a tamper sensor for detecting tampering to the system. The tampering prevents the system from detecting the presence of flame within the volume. The system also includes an alarm indicator for indicating an alarm condition in response to i.) a detection of the presence of flame within the volume and/or ii.) a detection of tampering to the system.